

# A/OFRFC PROJECT UPDATE AUNDECK OMNI KANING

September 2015

## FISH COMMUNITY INDEX NETTING (FCIN)

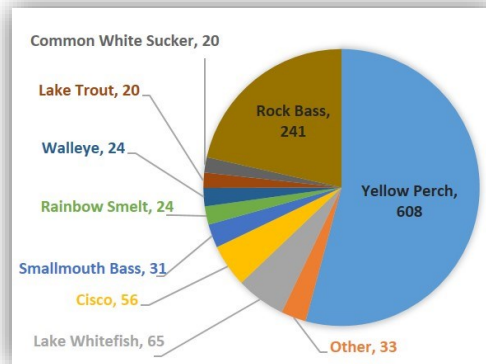
### INTRODUCTION

The Anishinabek/Ontario Fisheries Resource Centre (A/OFRFC), in partnership with Aundeck Omni Kaning First Nation, conducted a Fish Community Index Netting (FCIN) Survey in the area surrounding Bedford Island, East Rous Island, and West Rous Island, situated in North Channel of Lake Huron. This survey took place from July 27—August 6, 2015.

The purpose of a Fish Community Index Netting Survey is to determine species present, and the health and status of fish populations in the sampled water body.

### METHODS

The FCIN Survey used gill nets 375 m in length, and with mesh sizes ranging from 1.5" for one 25 m



*Catch Summary for the 2015 FCIN in  
Aundeck Omni Kaning*

panel, and 2.0"-5.0" for six 50 m panels. Nets were set in two depth strata; 0—20 m and 20—60 m. The A/OFRFC field crews set 30 nets for this Survey.

### RESULTS

The FCIN produced a catch of 1122 fish representing 19 different species. Yellow perch (608), Rock Bass (141) and Lake Whitefish (65) were the most abundant fish captured.

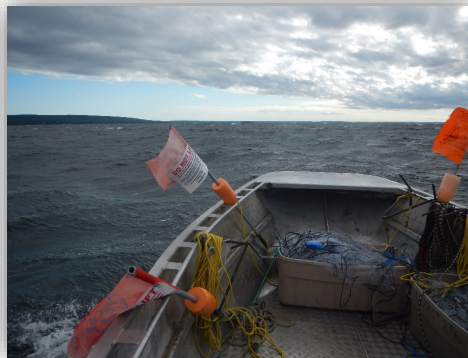
The most interesting catch was a previously tagged Lake Sturgeon from the Serpent River Juvenile Lake Sturgeon Index Netting Survey in 2012—this little guy travelled 53.4 km as the crow flies, and grew 194 mm in length, and 100 g by weight.

### CONCLUSION

All fish was donated to the Three Fires Chiefs gathering in M'chigeeng First Nation on August 7, 2015. This meeting was organized by the Ojibway Cultural Foundation (OCF). The results of this Survey can be compared to the Bay of Islands Lake Whitefish Index Netting Survey completed in Whitefish River First Nation in 2012. The study area overlaps on both projects, and a similar methodology was followed. The A/OFRFC will have a full technical report available in Fall 2015.



*Lucas Beaver, A/OFRFC Fisheries Technician, Jerian Esquimaux, Contract Technician, and Kyle Crans, A/OFRFC Fisheries Biologist, sorting the fish caught in the nets*



*A/OFRFC boat cruising the North Channel waters to reach sampling sites*



*Jay Pitawanakwat, Contract Technician, Sarah Couchie, A/OFRFC Fisheries Technician, and Keith Nahwegahbow, A/OFRFC Fisheries Technician, sorting the fish caught in the nets*



For more information on this or other fisheries projects please contact:

Anishinabek/Ontario Fisheries Resource Centre  
755 Wallace Road Unit #5 North Bay, ON P1A 0E7

phone: (705) 472-7888 fax: (705) 472-6333 website: [www.aofrc.org](http://www.aofrc.org) email: [aofrc@aofrc.org](mailto:aofrc@aofrc.org)